

**RECORDING MEDIUM HAVING DATA STRUCTURE FOR  
MANAGING AT LEAST A DATA AREA OF THE RECORDING MEDIUM AND  
RECORDING AND REPRODUCING METHODS AND APPARATUSES**

**ABSTRACT OF THE DISCLOSURE**

The data structure on the recording medium includes a temporary defect management area storing a data block. The data block includes a space bit map and a temporary definition structure. The space bit map indicates recordation status of the data area, and the temporary definition structure provides a pointer to the space bit map.